

THE TECH

VOL. XXIX. NO. 148.

BOSTON, MASS., WEDNESDAY, APRIL 27, 1910

PRICE ONE CENT

STARTLING DISCOVERY BY PROM COMMITTEE

Twenty-Two Men Refuse To Honor Pledges; Many Dance Orders Stolen

At a "post-mortem" held by the Junior Prom Committee early this week some startling discoveries were made, which the committee deems advisable to publish under their signature in The Tech.

The statement follows:—

"The Junior Prom Committee held a post mortem Sunday morning, and after a long session came to the decision that an article should be published in The Tech regarding their financial standing.

"Twenty-two men signed up for the Prom, who did not pay up according to their agreement, and who did not attend the Prom. As the committee can only go ahead and make arrangements according to the number of men signed up, it can easily be seen that with twenty-two backing out of their signatures that the committee could not but help go into debt badly.

"These men should be spirited enough to pay up at once and in two weeks' time the committee has decided to publish in The Tech a list of men who refuse to stand back of their signatures and pay. This step will be taken not only for the benefit of this year's committee, but for that of future committees.

"Another regrettable incident at the Prom was the taking of sixty-five dance orders. The committee regrets to state that these orders were taken by Tech men, and not by hotel employees or outsiders. The men probably took them without thinking, but at the same time it can be readily seen that such a step has caused another deficit to the committee.

"These orders were mostly spoken for and were expected to bring in a revenue of very close to fifty dollars. It would be considered a great favor if the men who took these orders will leave them at the Cage and avoid any disagreeable features that may arise from this incident.

"The committee wishes to particularly emphasize that men who signed up for the Prom should pay at once, and that the Prom orders must be left at the Cage."

1911 Junior Prom Committee,

S. B. COPELAND.
R. H. GOULD.
S. P. KIMBALL.
P. D. WHITE.
G. B. WILKES.
H. D. WILLIAMS.

ENGINEERS' MEETING

The American Society of Mechanical Engineers, together with the Boston Society of Civil Engineers, and the Boston Section of the American Institute of Electrical Engineers, will conduct a meeting in the Auditorium of the Edison Elect. Ill. Co., 39 Boylston St., on April 27, at 8 P. M. Prof. C. M. Allen of the Worcester Polytechnic Institute, will present a paper on "The Testing of Water Wheels after Installation."

Mr. Desmond Fitzgerald, a member of the Mass. Institute of Technology Corporation, is to give an illustrated talk on "Scenes and Travels in Many Lands," at the Young Men's Christian Union, Wednesday April 27, at 8 P. M.

Students at Syracuse will provide 8,000 chrysanthemums and 3,000 roses for decorations at their senior ball.

TECHNOLOGY EIGHT SANG- TIONED BY M. I. T. A. A.

Association Will Not Assume Any Of The Debts Incurred By The Crew

Technology has recognized the varsity crew as a branch of athletics. The athletic association yesterday voted that "the Technology crew be recognized as a branch of Institute athletics by the M. I. T. A. A.; all expenses of said crew are to be borne by the crew; the captain and manager to be allowed attendance with speech at meetings of the association, but without the power of vote."

It seems that there has been some doubt as to whether the crew had the right to call themselves the "Technology" crew when they were not under the sanction of the association and the only way to obtain that right was by being admitted into the athletic association. The motion passed means that while the association sanctions the crew it will not assume any of their debts.

It was also decided that any man winning his match in a dual tennis meet be entitled to a L.T.T. The question of awarding medals to the cross-country men who scored in the I. C. A. A. A. run was decided by awarding the regular silver medals to the men who scored.

Manager Bennis of the basket-ball team brought up a bill for stationery which was not assumed by the A. A., but was left to go as part of the team expenses.

Manager Benson of the track team stated that he had received the annual bill of \$15 for dues of the N. E. I. A. A. It was moved that this bill be recommended to the advisory council to be paid.

SOPHS TO PLAY LOWELL

Today the Sophomore Baseball team goes to Lowell to meet the strong Lowell Textile nine. The men are to meet in the Union at 12.30 and they will take the one o'clock train from the North Station.

The Sophs seem to have acquired their stride as was shown by the great game at Winchester when, after their opponents had the score 6 to 0 in their favor, they turned the tables and won the game by the score of 7 to 6.

Lowell Textile has one of the strongest teams in the state and without doubt today's game is the hardest on the Sophomore schedule. Lowell has had no defeats in the games played so far this year and they are making every effort to keep a clean slate.

The following men are to report—Taylor, Coulson, Crocker, Thompson, Severance, Hamilton, Odell, Eastman and Sampson.

BASEBALL RESULTS.

American League.

Boston-Philadelphia, rain.
Washington, 9; New York, 7.
St. Louis-Detroit, wet grounds.
Cleveland-Chicago, rain.

National League.

Philadelphia, 5; Boston, 4.
New York, 9; Brooklyn, 8.
Cincinnati-St. Louis, cold.
Chicago-Pittsburg, rain.

College.

Dartmouth, 5; Broadway, 1.
University of Maine, 9; Norwich, 4.

LESSONS TO BE DRAWN FROM CONCRETE FAILURES

Mr. S. E. Thompson 1889 Gives Very Instructive Talk Before C. E. Society

With an attendance of over two hundred and fifty, the Civil Engineering Society held a very interesting meeting yesterday afternoon in 6 Lowell.

Mr. Sanford E. Thompson, a graduate of the Institute in the class of 1889 was the speaker of the afternoon, and gave a very instructive lecture on the subject, "Lessons to be drawn from Failures in Concrete." Mr. Thompson is a prominent consulting engineer, and very high authority upon concrete, and has been called upon to make numerous investigations upon large concrete structures which have failed. The "post-mortem" examinations are of great value in helping to avoid future mistakes, but they require great judgment and knowledge of the subject to be able to diagnose the cause of failure correctly, as there are likely to be so many complex factors.

Mr. Thompson began his lecture by showing pictures of some very large factories and warehouses which have not failed, but given great satisfaction. Slides were also shown, giving a general idea of the forms used for concrete work in buildings, and also the typical designs of concrete structures.

Following this, Mr. Thompson gave as an illustration of failure, a culvert in which the concrete failed to set up. The cause of failure was first attributed to the cement, but upon examination this proved to be of good quality. When the sand came to be analyzed minutely it was found to contain some loam. This, upon subsequent test, was shown to make the concrete about one-fifth as strong as normal. As numerous similar cases have occurred in practice, it is important to have all the sand used, tested for this impurity.

The next cause of failure mentioned is the improper method of placing the reinforcing, particularly in floors. Wherever there is a negative bending movement produced in a beam just over the support, the steel reinforcing rods should be placed along the top of the beam to take the tension produced. Very often, however, this is not done, both in the design and in the construction with the result that large cracks appear over each support.

Cracks are also formed in reinforced concrete by the use of tees or other very angular bars for reinforcing instead of other less angular rods, which latter are generally found to give greater satisfaction. One case of cracks resulting from the use of tees was in a large chimney. The method adopted for strengthening this was to put a concrete shell about six inches thick around the entire structure which kept it from disintegrating.

Another cause of failure to be taken account of is "flash set" cement which sets up very rapidly before it can be placed in the forms. This of course is very weak and crumbles to pieces when the form is removed.

Concrete put in during the winter, or concrete used for such purposes as cellars to buildings where it is damp and where the warm air has not free access, is liable to harden with extreme slowness, and therefore to fail if the forms are removed too soon. This is a common form of failure, and should not be falsely attributed to poor ingredients, as is sometimes done, until thorough investigation is made.

Cornell gives credit for recreation walks in place of regular gymnasium work.

VARSITY HANDICAP MEET AND RELAY RACE SATURDAY

Meet To Be Held At Field And Relay Team Starts For Philadelphia Tomorrow

Something new in the line of a track meet is promised at the Field next Saturday. The events will all be handicapped, and besides this, Coach Kanaly says the distances will be something original.

Three of the events lose competitors on account of the Relay Carnival at Philadelphia. W. C. Salisbury 1911 and R. H. Gould 1911 will not be seen in the quarter, P. D. White 1911 will be absent from the half, and L. O. Mills 1911 will not run in the mile. The handicaps have not yet been announced, but Coach Kanaly knows just what each man is capable of doing, and is sure to plan interesting races in every event.

When asked about the probability of a victory at Penn., Mr. Kanaly said, "We have a strong team, and as yet only Syracuse has been matched with Tech, so it looks like a match race between Syracuse and Tech."

WIRELESS SOCIETY

Symms 1911 And Ellis 1912 To Report Election Of Officers

A meeting of the Wireless Society will be held Friday afternoon in 11 Eng. B. At this time R. M. Symms 1911 will report on the government's attitude on wireless interference and what arguments can be made to avoid all possible conflict with commercial companies in this locality. James H. Ellis 1912 who represented the M. I. T. Wireless Society at Philadelphia, will give a full report on the formation of the Intercollegiate Wireless Association—a new movement started by the Wireless Club of the University of Pennsylvania. The elections of officers will also take place at this time.

The action of Yale withdrawing from the Association, composed of Pennsylvania, Cornell, Yale, Princeton and Columbia, was the result of a meeting at New York, in which Goebel, the heavyweight champion, and Sweeney, the lightweight champion were voted ineligible to wrestle in this year's Intercollegiate meet.

CALENDAR.

Wednesday, April 27.

12.30—1912 Baseball team meet in Union—Game with Lowell.
6.00 P. M.—Technology Christian Association dinner, annual meeting, and election of officers.

Thursday, April 28.

P. M.—Relay team leaves for Philadelphia.

Friday, April 29.

4.00 P. M.—1912 Technique Electoral Committee in Union.
Annual meeting of Architectural Society.

Saturday, April 30.

2.30 P. M.—Varsity Handicap, Tech Field.
2.30 P. M.—Penn. Relay Carnival, Phila.
6.30 P. M.—Tech Show dinner at Union.

THE TECH

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R. E. Wilson 1912 News Staff

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BOSTON, MASS., APRIL 27, 1910.

The subject matter of one of our articles today discloses a disgraceful state of affairs among some of the members of the junior class. More than a score of men pledged support to the Junior Prom, and then refused to honor their own signatures by paying up the amount pledged.

Any man who pledges an amount of money under his signature, and then summarily and without a word of explanation refuses to meet such pledge, is certainly woefully lacking in one of the fundamental qualities which go to make a successful engineer—honesty.

Nor is this state of affairs present only in the junior class. It will no doubt surprise many to find that MORE than TWO HUNDRED AND FIFTY men who signed up for Technique 1911, refuse to pay for their now. Among this appalling number are men from every class in the Institute.

Certain it is that a man who, in order not to be considered a "quitter" in the eyes of his fellows, signs a contract with absolutely not the remotest idea of ever redeeming it, is deserving of no respect at the hands of his classmates.

In publishing the names of the delinquents after giving them two weeks more in which to settle, the Prom Committee is certainly taking a step in the right direction. Perhaps in this way a few of the real "quitters" will be discovered, and taught a lesson which should stand them in good stead.

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The article in question also states that sixty-five dance orders were willfully stolen by students. This is a grave offence, and any of the offenders that are found out should be dealt with summarily.

Radical measures are not always the best policy in dealing with affairs of this nature, but when nearly three hundred Technology "men" back out of signed pledges, it is certainly time for the introduction of radical measures.

GENERAL NEWS

TELEGRAPH NEWS OF THE MORNING.

WEATHER REPORT.

Forecast for Boston and Vicinity—Today clearing; tomorrow fair; easterly to southerly winds.

Boston, April 27—Harvard, Tufts and Massachusetts Institute of Technology Aero Clubs will all be represented at the big convention of college aviation societies to be held in Philadelphia, Friday and Saturday of this week. Many matters relating to aviation will be discussed and there will be addresses by some of the most eminent authorities in this country upon various phases of aerial navigation.

Worcester, April 27—The great arch which formed the entrance to the old Union station trainshed and which has stood for 35 years as a monument of engineering skill, was pulled over yesterday afternoon, in the presence of more than 2,000 spectators, and fell with a crash. With the fall of this arch the last vestige of the old trainshed has disappeared, and also one of the wonders of Worcester architecture. Measuring 120 feet across, with room for eight tracks, and 37 feet high at the keystone, the arch was said to be the largest span of masonry in the world. It was composed of 75 great cut stones each weighing over a ton and all held in place by a master stone twice the size of those forming the arch.

Boston, April 27—The B. A. A. is to have a new boathouse. It will be on the Charles river basin, between Pinckney and Mt. Vernon Sts.

The site has been chosen with the approval of the park commission. The new boathouse is to be of stone and will cost about \$20,000. Bonds have been issued to raise the money and there is no doubt but that it will be subscribed quickly.

Gloucester, April 27—The earth rumbled and Gloucester quaked last night, as a flaming meteorite as large as a barrel passed over the city less than a quarter of a mile above the ground. The crimson rambler of the heavens appeared out of the northwest a few minutes after 9 o'clock. As it was traveling fast, it is presumed it passed out to sea.

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THE ARENA

Have you noticed that this year's out-door relay team is wholly Juniors? What's the matter with the other classes?

Too bad Chamberlain has to play a lone game in the shot put. Some one to work with him would be a great help, but as it is he is doing fairly well, and is good for points at the Intercollegiate.

The track at the Field is faster than ever this year, and it is not improbable that "Pete" White will break the half-mile record. It has stood since 1902, and is held by H. S. Baker 1904, who also holds the record in the mile.

Speaking of the mile, just keep your eyes on L. O. Mills 1911. With E. B. Germain 1913 and R. D. Van Alstine 1911 to push him, another record may go.

College bred is after a four-year's loaf.

Coach Kanaly says we "have a strong team," and he surely ought to know. The one best bet is that there will soon be another red and blue banner in the Union.

There appeared in The Tech Monday a challenge to the Sophomore baseball team. Does any one know what it is all about?

Tennis men are out every pleasant day. More men will be welcomed. See Wentworth or Covill.

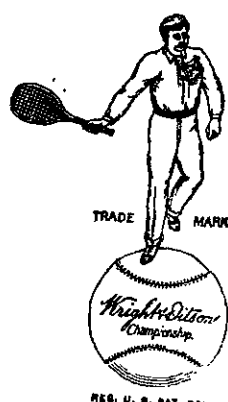
Don't forget the Handicap meet at the Field Saturday.

Watch those Freshmen track men. Here's a few comers—Bylund, Trull, Strachan and Rankin.

That all-sophomore baseball team is a good one. Too bad that Capt. Allen can't have the same line-up every game.

Eight picked and races in view. Some satisfaction in knowing that perhaps after all, Tech will have a crew.

Syracuse is saying very little about how the outcome of the relay race at Philadelphia next Saturday will be, but they have a mighty good team there. And it will take a better team to pull a victory from those boys.



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NOTICES

SENIORS.—By applying at 16 Rogers Seniors may obtain any papers written by them and now in charge of the English Department.

CATHOLIC CLUB.—The last regular meeting of the year will be held in the Union Wednesday at 8.15 P. M. Nominations for officers will be received, and arrangements made for annual banquet.

T. C. A.—All intending to attend the Annual Meeting and dinner of T. C. A. tonight, and who have not already obtained tickets or registered, must register at the Cage before two o'clock today. This must be done in order that proper arrangements can be made by the Dining Room management.

FOR SALE.—One of the first Techniques 1889. Also copies from 1889 to 1910. 1889 sells for \$3.00, all others \$1.00 each. Box 65, The Cage.

LOST.—Ladies' gold bar pin set with alternate pearls and topazes. Reward if returned to W. L. Roberts, 26 Newbury Street.

The government wireless stations will no longer have to keep watch on Halley's comet, as a result of Professor O. C. Wendell's statement today. Last week the different stations were notified to keep watch whether the comet would have any effect on the wireless apparatus. The tail of the comet is quite heavily charged with electricity, and it was feared that some damage to the wireless instruments might be done. Professor Wendell, however, stated today that the comet would have absolutely no effect on either the wireless, or the telephone or the telegraph, here on the earth.

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Open from 9.30 A. M. to 10.30 P. M.

Kingston, N. Y., April 27.—Continuous rain last night caused all streams rising in the Catskill mountains to overflow their banks. The section outside the city limits known as Mutton Hollow was completely cut off by eight feet of water, and families have taken refuge in the second stories of their homes. The Bishop Falls covered bridge was lifted from its moorings and floated down against the dam.

St. John's, N. F., April 27.—The sealing steamer Aurora, reported yesterday as lost in the ice off the Labrador coast with her entire crew of 187 men, is safe, according to the latest information received here by Bowring Brothers, her owners.

WASHINGTON, D. C.
Washington, April 27.—President Taft and Andrew Carnegie spoke Monday at the dedication of the new Carnegie library at Howard University in this city before a representative gathering of Negro educators from various sections of the country. President Taft laid the cornerstone of the library nearly a year ago.

Washington, April 27.—Senator Lodge introduced yesterday a bill granting authority to the New England Gas & Coke Co. to dredge Mystic River at Chelsea at a cost to itself of \$125,000, making additionally a complete gift of this improvement to the federal government.

Paris, April 27.—There was an important meeting at the Aero Club de France between a delegation of the International Aeronautic Federation, which included Mons. Deutsch, Comte de Castillon de Saint-Victor, Comte Henri de Vaulx and other prominent in the aviation world, and Mr. Cartlandt F. Bishop, president of the Aero Club of America.

Mr. Bishop was able to state that Wilbur and Orville Wright would agree to the decision of the courts concerning their rights, so that all aviators would be free to come and compete in the race for the Coupe Internationale d'Aviation with the American champions.

Hankow, April 27.—Peace has been temporarily restored in the city of Chang Sha, but the menace to foreigners is by no means past, according to advices received yesterday. Many outbreaks are reported in out-lying villages. Yang Wen-Ing, the new Governor of Chang Sha, has taken charge with a firm grip. He issued a proclamation today calling for peace, but the British consul immediately warned all foreigners not to venture within the city.

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